|   |   |  | 5111110021011110 15 02                     |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|--|
|   |   | TO THE UNITED STATES   | Attorney Docket No. 8003-1037              |  |  |  |  |  |  |  |
| DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371  |   |  | U.S. Application No. 150735                |  |  |  |  |  |  |  |
| INTER   | NATIONAL APPLN. NO.   | PRIORITY DATE CLAIMED  |  |  |  |  |  |  |  |  |
| PCT/JP03/05168 April 23, 2003 April 30, 2002  TITLE OF INVENTION: MEASUREMENT METHOD AND DEVICE FOR BEAD CUTTING SHAPE IN ELECTRIC RESISTANCE |   |  |  |  |  |  |  |  |  |  |
| WELDED PIPES  |   |  |  |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US: Toshifumi KODAMA, Taira SUZUKI, Akira TARAO, Yasumasa TEKEMURA and Takatoshi OKABE                                 |   |  |  |  |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and                                  |   |  |  |  |  |  |  |  |  |  |
| other information:  |   |  |  |  |  |  |  |  |  |  |
| _   | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.  |  |  |  |  |  |  |  |  |  |
| 2.  | This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.   |  |  |  |  |  |  |  |  |  |
| 3. 🔯  | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.   |  |  |  |  |  |  |  |  |  |
| 4. 🛛  | The US has been elected (Article 31).   |  |  |  |  |  |  |  |  |  |
| 5. 🛚  | A copy of the International Application as filed (35 U.S.C. 371 (c)(2))   |  |  |  |  |  |  |  |  |  |
| a.  | is attached hereto (required only if not communicated by the International Bureau).   |  |  |  |  |  |  |  |  |  |
| , <b>b</b> .  |   |  |  |  |  |  |  |  |  |  |
| c.  | is not required, as the application was filed in the United States Receiving Office (RO/US).  |  |  |  |  |  |  |  |  |  |
| 6. 🛛  | An English language translation   | on of the International Application as file                  | d (35 U.S.C. 371 (c)(2))                   |  |  |  |  |  |  |  |
| a.  | is attached hereto.   |  |  |  |  |  |  |  |  |  |
| b.  | ☐ has been previously subm  | nitted under 35 U.S.C. 154(d)(4).                            |  |  |  |  |  |  |  |  |
| 7.  | Amendments to the claims of   | the International Application under PCT                      | Article 19 (35 U.S.C. 371 (c)(3))          |  |  |  |  |  |  |  |
| a.  | are attached hereto (required only if not communicated by the International Bureau).  |  |  |  |  |  |  |  |  |  |
| b.  | have been communicated by the International Bureau.   |  |  |  |  |  |  |  |  |  |
| c.  | have not been made, however, the time limit for making such amendments has NOT expired.   |  |  |  |  |  |  |  |  |  |
| d.  | have not been made and  | will not be made.  |  |  |  |  |  |  |  |  |
| 8.  | An English language translation   | on of the amendments to the claims und                       | ler PCT Article 19 (35 U.S.C. 371 (c)(3)). |  |  |  |  |  |  |  |
| 9. 🛛  | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) or a Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv).  |  |  |  |  |  |  |  |  |  |
| 10. 🔲   | An English language translation under PCT Article 36 (35 U.S.   | on of the annexes of the International Pr<br>.C. 371(c)(5)). | eliminary Examination Report               |  |  |  |  |  |  |  |
| lte   | ms 11 to 20 below concern de  | ocument(s) or information included:                          |  |  |  |  |  |  |  |  |
| 11. 🛛   | Information Disclosure Statem   | nent (IDS) w/PTO-1449 - Copy of ID                           | S citations.                               |  |  |  |  |  |  |  |
| 12. 🛚   | Assignment Papers (cover she  | eet & document(s)).  |  |  |  |  |  |  |  |  |
| 13. 🛚   | A preliminary amendment.  |  |  |  |  |  |  |  |  |  |
| 14. 🛛   | An Application Data Sheet un  | der 37 C.F.R. 1.76.  |  |  |  |  |  |  |  |  |
| 15. 🔲   | A substitute specification.   |  |  |  |  |  |  |  |  |  |
| 16. 🔲   | A change of power of attorney   | and/or change of address letter.                             |  |  |  |  |  |  |  |  |
| 17. 🗌   | A computer-readable form of tand 37 CFR 1.821 - 1.825.  | the sequence listing in accordance with                      | PCT Rule 13ter.2                           |  |  |  |  |  |  |  |
| 18. 🗀   |   | ed international application under 35 U.S                    | S.C. 154(d)(4).                            |  |  |  |  |  |  |  |
|   | , ,   |  |  |  |  |  |  |  |  |  |
|   | <ul> <li>. ☐ A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)).</li> <li>. ☑ Other items or information: English Translation of the PCT Request, Forms PCT/IB/308 and</li> </ul> |  |  |  |  |  |  |  |  |  |
| PCT/IB/304, and International Search Report   |   |  |  |  |  |  |  |  |  |  |

| U.S. APPLICATION   | RNEY DOCKET NO.<br>1037 |  |                |       |                        |    |  |  |  |
|--|-------------------------|--|----------------|-------|------------------------|----|--|--|--|
| 21. X The followi  |                         | CALCULATIONS PTO USE ONLY                    |                |       |                        |    |  |  |  |
| BASIC NATIONAL   | P10 08                  | E UNLY                                       |                |       |                        |    |  |  |  |
| Neither international international search Search Report not   |                         |  |                |       |                        |    |  |  |  |
| International prelim<br>USPTO but Interna<br>the EPO or JPO  | :                       |  |                |       |                        |    |  |  |  |
| International prelim<br>USPTO but Interna  |                         |  |                |       |                        |    |  |  |  |
| International prelim<br>but all claims did no  |                         |  |                |       |                        |    |  |  |  |
| International prelim and all claims satis  | \$ 020.00               |  |                |       |                        |    |  |  |  |
| E  | 1 00                    | \$ 920.00                                    |                |       |                        |    |  |  |  |
| Surcharge of \$130 months from the ea  | J 30                    | \$   |                |       |                        |    |  |  |  |
| CLAIMS   | NUMBER FILED            | NUMBER EXTRA                                 | RATE           |       | \$                     |    |  |  |  |
| Total Claims   | 23 - 20 =               | 3  | × \$18.00      |       | \$ 54.00               |    |  |  |  |
| Independent Claims   | 11 - 3 =                | 8  | x \$86.00      |       | \$ 688.00              |    |  |  |  |
| MULTIPLE DEPEN   | \$                      |  |                |       |                        |    |  |  |  |
|  | \$ 1,662.00             |  |                |       |                        |    |  |  |  |
| Applicant claim above are reduced  | \$                      |  |                |       |                        |    |  |  |  |
|  | \$ 1,662.00             |  |                |       |                        |    |  |  |  |
| Processing fee of \$* months from the ear  | \$                      |  |                |       |                        |    |  |  |  |
|  |                         | TOTA   | AL NATIONAL FE |       | \$ 1,662.00            |    |  |  |  |
|  |                         | nt (37 CFR 1.21(h)). Teet (37 CFR 3.28, 3.31 |                |       | \$ 40.00               |    |  |  |  |
|  |                         | TOTAL  | FEES ENCLOSE   | Ď =   | \$ 1,702.00            |    |  |  |  |
|  |                         |  |                |       | Amount to be refunded: | \$ |  |  |  |
|  |                         |  |                |       | Charged:               | \$ |  |  |  |
| A check in the amount of \$1,702.00 to cover the above fees is attached.   |                         |  |                |       |                        |    |  |  |  |
| The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young & Thompson. A duplicate copy of this sheet is enclosed.                      |                         |  |                |       |                        |    |  |  |  |
| The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17. |                         |  |                |       |                        |    |  |  |  |
| YOUNG & THOMP<br>745 South 23 <sup>rd</sup> Stre<br>Arlington, VA 2220   | eet<br>02               |  |                | ATURE | I, Reg. No. 35,04      |    |  |  |  |
| WET 0  |                         |  |                |       |                        |    |  |  |  |
| Y&T Customer No. BC/Imt  | 3, 2004                 |  |                |       |                        |    |  |  |  |
| DC/IIIIL   |                         |  | DATE           | ·     |                        |    |  |  |  |

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